

## EXAMINER'S NOTES

Matches 183; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MRKIVVAAIAVSITVSIITASASADPSKSKAQSAAEAGITGTWYNQLGSTFIVTAGAD 60  
1 MRKIVVAAIAVSITVSIITASASADPSKSKAQSAAEAGITGTWYNQLGSTFIVTAGAD 60  
Db 61 GALTGTYESAVGNARESRYLTGGRYDSAPATDGSSTGALGTGWTVAWNTRNNSATTWQGY 120  
61 GALTGTYESAVGNARESRYLTGGRYDSAPATDGSSTGALGTGWTVAWNTRNNSATTWQGY 120  
Db 121 VGGAEARINTQWLLTSGTTEANAWKSTLVGHDTFTKVKPSAASIDAARKAGVNGNPLDA 180  
121 VGGAEARINTQWLLTSGTTEANAWKSTLVGHDTFTKVKPSAASIDAARKAGVNGNPLDA 180  
QY 181 VQQ 183  
Db 181 VQQ 183

RESULT 2

AAP93530  
ID AAP93530 standard; protein; 183 AA.

QY

1 MRKIVVAAIAVSITVSIITASASADPSKSKAQSAAEAGITGTWYNQLGSTFIVTAGAD 60

AC AAP93530;  
XX 04-JUN-1990 (first entry)

DE Streptavidin protein.

RESULT 3

AAR44491  
ID AAR44491 standard; protein; 183 AA.

QY

1 MRKIVVAAIAVSITVSIITASASADPSKSKAQSAAEAGITGTWYNQLGSTFIVTAGAD 60

AC AAR44491;

DT 25-MAR-2003 (revised)

DT 27-JUN-1994 (first entry)

DE Streptavidin gene.

PS

W09324631-A1.

PN

XX

PD

09-DEC-1993.

XX

PF

27-MAY-1993;

XX

PR

93WO-US005240.

XX

29-MAY-1992;

PR

92US-00891524.

XX

(DUPO ) DU PONT DE NEMOURS &amp; CO E I.

PA

XX

PI

Nagarajan V;

XX

DR

WPI: 1993-405822/50.

DR

P-1SDB; AAQ53412.

CC

Bacillus subtilis

bacterial exo-protein

from Gram positive

protein.

PT Streptavidin prod.

from Bacillus subtilis

- using signal protein

from

protein.

PS Disclosure; Fig 1b;

54pp; English.

CC Tetrameric biologically active streptavidin is produced by secretion from

CC Bacillus subtilis transformed with a plasmid encoding the sequence.

CC (Updated on 25-MAR-2003 to correct PN field.)

XX Sequence 183 AA;

SQ Query Match 100.0%; Score 936; DB 2; Length 183;

Best Local Similarity 100.0%; Pred. No. 1.3e-75;

Matches 183; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MRKIVVAAIAVSITVSIITASASADPSKSKAQSAAEAGITGTWYNQLGSTFIVTAGAD 60

Query Match 100.0%; Score 936; DB 1; Length 183;

Best Local Similarity 100.0%; Pred. No. 1.3e-75;

Matches 183; Conservative 0; Mismatches 0; Indels 0; Gaps 0;